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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 64323(50024) U.S. APPLICATION NO. 10/553664 (known see 37 CFR 1.5)
INTERNATIONAL APPLICATION NO. PCT/GB2004/001545	INTERNATIONAL FILING DATE 8 April 2004	PRIORITY DATE CLAIMED
TITLE OF INVENTION METHOD AND SYSTEM FOR DETERMINING OBJECT POSE FROM IMAGES		
APPLICANT(S) FOR DO/EO/US Timothy Roberts et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <b>Items 11 to 20 below concern document(s) or information included:</b> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

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U.S. APPLICATION NO. (if known, see 37 CFR 1.52) <div style="font-size: 24pt; font-weight: bold; margin-left: 100px;">10/553664</div>	INTERNATIONAL APPLICATION NO. PCT/GB2004/001545	ATTORNEY'S DOCKET NUMBER 64323(50024)	
20. <input checked="" type="checkbox"/> Other items or information: Preliminary Amendment; A copy of Form PCT/RO/101; A copy of International Publication No.: 2004/095373 A2; A copy of Form PCT/ISA/210; A copy of Form PCT/ISA/237; Unexecuted Declaration and Power of Attorney form.			
The following fees have been submitted		CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) ..... \$300		\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 All other situations ..... \$200		\$ 200.00	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB ..... \$400 All other situations ..... \$500		\$ 500.00	
<b>TOTAL OF 21, 22 and 23 =</b>		\$ 1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
29 - 100 =	/50 =		x \$250.00
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	34 - 20 =	14	x 50.00
Independent claims	4 - 3 =	1	x
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+	
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$ 2030.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.		1,015.00	
<b>SUBTOTAL =</b>		\$ 1,015.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		\$	
<b>TOTAL NATIONAL FEE =</b>		\$ 1,015.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		\$	
<b>TOTAL FEES ENCLOSED =</b>		\$ 1,015.00	
		Amount to be refunded:	\$
		Amount to be charged	\$

10/553664

JC09 Rec'd PCT/PTO 17 OCT 2009

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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- a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 04-1105 in the amount of \$ 1,015.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit  
Account No. 04-1105 . A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information  
should not be included on this form.** Provide credit card information and authorization on PTO-2038

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be  
filed an granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

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CUSTOMER NUMBER: 21874

George Chaclas  
SIGNATURE

George N. Chaclas  
NAME

46,608  
REGISTRATION NUMBER

PRV\_761764.1

10/553664

EV711315415US

JC09 Rec'd PCT/PTO 17 OCT 2009

Application No. (if known): Not Yet Assigned

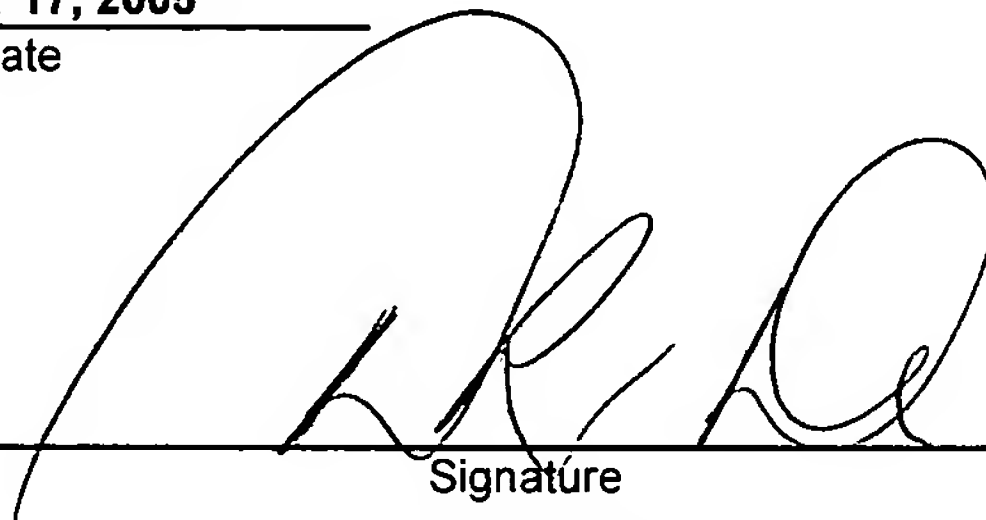
Attorney Docket No.: 64323(50024)

**Certificate of Express Mailing Under 37 CFR 1.10**

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. **EV711315415US** in an envelope addressed to:

**MS PCT**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on October 17, 2005  
Date



Signature

Donna R. Davis

Typed or printed name of person signing Certificate

Registration Number, if applicable

(401) 276-6633  
Telephone Number

**Note:** Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

1. Transmittal Letter to the United States Designated-Elected Office (3 pages);
2. Fee Transmittal;
3. Preliminary Amendment (11 pages);
4. Copy of the International application (29 pages);
5. A copy of Form PCT/RO/101;
6. A copy of International Publication No.: 2004/095373 A2;
7. A copy of Form PCT/ISA/210;
8. A copy of Form PCT/ISA/237;
9. Unexecuted Declaration and Power of Attorney form (4 pages);
10. Application Data Sheet (3 pages);
11. This Certificate of Express Mail; and
12. Return Postcard.

**Charge \$1,015.00 to deposit account 04-1105**

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FEE TRANSMITTAL for FY 2005 <small>Effective 10/01/2004. Patent fees are subject to annual revision.</small>		Complete if Known	
		Application Number	Not Yet Assigned
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	October 17, 2005
		First Named Inventor	Timothy Roberts
		Examiner Name	Not Yet Assigned
TOTAL AMOUNT OF PAYMENT (\$)		1,015.00	Attorney Docket No. 64323(50024)
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)	
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 04-1105 Deposit Account Name: Edwards & Angell, LLP The Director is authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s) <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		3. ADDITIONAL FEES	
1. BASIC FILING FEE		Large Entity Small Entity	
Fee Code Fee (\$)		Fee Code Fee (\$)	Fee Description Fee Paid
1001 790 2001 395 Utility filing fee		1051 130 2051 65 Surcharge - late filing fee or oath	
1002 350 2002 175 Design filing fee		1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet.	
1003 550 2003 275 Plant filing fee		1053 130 1053 130 Non-English specification	
1004 790 2004 395 Reissue filing fee		1812 2,520 1812 2,520 For filing a request for ex parte reexamination	
1005 160 2005 80 Provisional filing fee		1804 920* 1804 920* Requesting publication of SIR prior to Examiner action	
SUBTOTAL (1) (\$)		1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1251 110 2251 55 Extension for reply within first month	
Total Claims 34 -20** = 14 x Fee from below =		1252 430 2252 215 Extension for reply within second month	
Independent Claims 3 -3** = x =		1253 980 2253 490 Extension for reply within third month	
Multiple Dependent		1254 1,530 2254 765 Extension for reply within fourth month	
Large Entity Small Entity		1255 2,080 2255 1,040 Extension for reply within fifth month	
Fee Code Fee (\$)		1401 340 2401 170 Notice of Appeal	
1202 18 2202 9 Claims in excess of 20		1402 340 2402 170 Filing a brief in support of an appeal	
1201 88 2201 44 Independent claims in excess of 3		1403 300 2403 150 Request for oral hearing	
1203 300 2203 150 Multiple dependent claim, if not paid		1451 1,510 1451 1,510 Petition to institute a public use proceeding	
1204 88 2204 44 ** Reissue independent claims over original patent		1452 110 2452 55 Petition to revive - unavoidable	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent		1453 1,370 2453 685 Petition to revive - unintentional	
SUBTOTAL (2) (\$)		1501 1,370 2501 685 Utility issue fee (or reissue)	
**or number previously paid, if greater; For Reissues, see above		1502 490 2502 245 Design issue fee	
		1503 660 2503 330 Plant issue fee	
		1460 130 1460 130 Petitions to the Commissioner	
		1807 50 1807 50 Processing fee under 37 CFR 1.17(q)	
		1806 180 1806 180 Submission of Information Disclosure Stmt	
		8021 40 8021 40 Recording each patent assignment per property (times number of properties)	
		1809 790 2809 395 Filing a submission after final rejection (37 CFR 1.129(a))	
		1810 790 2810 395 For each additional invention to be examined (37CFR 1.129(b))	
		1801 790 2801 395 Request for Continued Examination (RCE)	
		1802 900 1802 900 Request for expedited examination of a design application	
		Basic National Stage fee	
		National Stage Examination Fee - all other	150.00
		2631 ...	100.00
		2632 National Stage Search Fee - all other situations	250.00
		2617 Search fee, examination fee or oath or ...	65.00
		2615 National Stage claims - extra total (over twenty) - One extra independent claim	350.00
		Other fee (specify)	100.00
		*Reduced by Basic Filing Fee Paid	
		SUBTOTAL (3) (\$)	
SUBMITTED BY		(Complete if applicable)	
Name (Print/Type) George N. Chaclos		Registration No. (Attorney/Agent) 46,608	Telephone (401) 276-6653
Signature		Date	October 17, 2005